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6B00 / 3617 #2



INVESTOR IN PEOPLE

The Patent Office
Concept House
Cardiff Road
Newport
South Wales
NP10 8QQ

4

REC'D 24 NOV 2000

WIPO PCT

I, the undersigned, being an officer duly authorised in accordance with Section 74(1) and (4) of the Deregulation & Contracting Out Act 1994, to sign and issue certificates on behalf of the Comptroller-General, hereby certify that annexed hereto is a true copy of the documents as originally filed in connection with the patent application identified therein.

I also certify that the attached copy of the request for grant of a Patent (Form 1/77) bears an amendment, effected by this office, following a request by the applicant and agreed to by the Comptroller-General.

In accordance with the Patents (Companies Re-registration) Rules 1982, if a company named in this certificate and any accompanying documents has re-registered under the Companies Act 1980 with the same name as that with which it was registered immediately before re-registration save for the substitution as, or inclusion as, the last part of the name of the words "public limited company" or their equivalents in Welsh, references to the name of the company in this certificate and any accompanying documents shall be treated as references to the name with which it is so re-registered.

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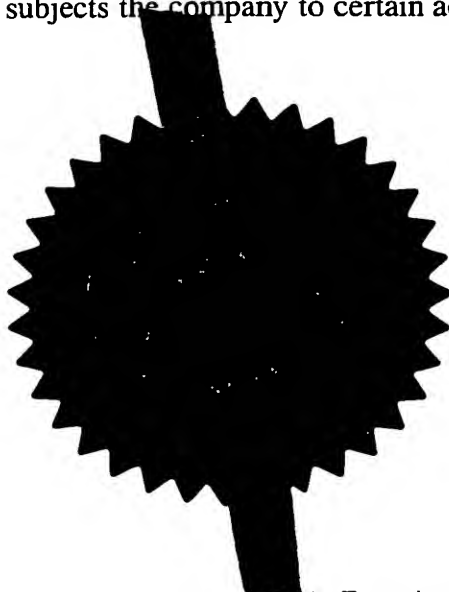
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Dated

6 November 2000



Request for grant of a patent

(See the notes on the back of this form. You can also get an explanatory leaflet from the Patent Office to help you fill in this form)

The Patent Office

Cardiff Road
Newport
Gwent NP9 1RH

1. Your reference

51/77 (8.10.00) WAT

[ALARM APPLICATION NO 1]

130/56/PWC

2. Patent application number

(The Patent Office will fill in this part)

9922447.9

3. Full name, address and postcode of the or of each applicant (underline all surnames)

ROGER CLIFFORD

35 WINDSOR STREET

STALEFORD NOTTINGHAM NG9 7HE

Patents ADP number (if you know it)

If the applicant is a corporate body, give the country/state of its incorporation

77 45649001

4. Title of the invention

PORTABLE ALARM SYSTEM

5. Name of your agent (if you have one)

"Address for service" in the United Kingdom to which all correspondence should be sent

F.51/77 (including the postcode)

(8.10.00)

WAT



Adamson Jones

BROADWAY BUSINESS CENTRE

32a STONEY STREET

NOTTINGHAM

NG1 1LL

Patents ADP number (if you know it)

7975907001

6. If you are declaring priority from one or more earlier patent applications, give the country and the date of filing of the or of each of these earlier applications and (if you know it) the or each application number

Country

Priority application number
(if you know it)

Date of filing
(day / month / year)

7. If this application is divided or otherwise derived from an earlier UK application, give the number and the filing date of the earlier application

Number of earlier application

Date of filing
(day / month / year)

8. Is a statement of inventorship and of right to grant of a patent required in support of this request? (Answer 'Yes' if:

NO

a) any applicant named in part 3 is not an inventor, or

b) there is an inventor who is not named as an applicant, or

c) any named applicant is a corporate body.

See note (d))

PORTABLE CELLULAR ALARM

The invention relates to a portable cellular alarm

There are many alarm systems available today. They are available as specialist systems for dwellings, industrial premises, vehicles and for personal use. With the exception of personal 'attack' alarms, most others are hard wired and issue alarms aurally and/or visually through sirens and visual beacons. In dwellings and industrial premises, these alarms consist of a central hard wired control box and several detectors which will detect movement/entry when the system is armed. These sensors relay this information to the control panel which in turn sounds the alarm siren/lights. Vehicle systems work in a similar way.

These systems are very inflexible and their use is limited to the building/vehicle in which they are installed. Once activated, they rely on either the intervention of a third party or the owner of the property being close enough to the property to be alerted by the alarms activation. Ultimately, many alarm activations go unheeded.

According to the invention there is provided a portable alarm system comprising of a detection unit which may detect external movement, motion and or sound as required. This unit houses a cellular transmitter and or receiver which once the detector is activated, sends a signal and or message to a telephone/fax/pager or email number specified by the user. The unit may then sound an audible/visual alarm and may also contain circuitry for the immobilisation of vehicles. It may also contain circuitry for the position of the unit to be tracked either through the cellular communications network or through a global positioning system.

It may be armed by the user manually and or remotely. The detection unit and transmitter/receiver may be either separate units connected together or may be combined into one integral unit.

A specific embodiment of the invention will now be described by way of example with reference to the accompanying drawing in which:-

Figure 1 shows in perspective the general physical appearance of the system and shows how the detectors and components may be mounted in an integrated system.

Figure 2 shows how the detectors and components may be mounted in a non-integrated system, and shows some possible additions to the system.

CLAIMS

1. A portable alarm system which includes detection systems for movement/sound/motion which will communicate its activation through a cellular mobile communications network to a number programmed by the user.
2. A portable alarm system as claimed in Claim 1. which communicates its activation through a mobile communications network.
3. A portable alarm system as in Claim 1. or Claim 2. In which the detection system and the transmitter/receiver are integrated in to a single unit.
4. A portable alarm system as in Claim 1. or Claim 2. In which the detection system and transmitter/receiver unit are two separate units which can be connected together.
5. A portable alarm system as in Claim 1. 2. 3. or 4. Which may also disable and/or immobilise equipment upon activation
6. A portable alarm system as in Claim 1. 2 3. 4. Or 5. which may also have remote detection units which communicate detections to the portable alarm system.

ABSTRACT

PORTABLE ALARM SYSTEM

A portable alarm system which includes a means for detecting activation and communicating this through both conventional audible/visual alerts and directly to the owner or a specified third party using a mobile communications network. The system may be integrated into a single unit or may be a detection system which can connect to an existing transmitter/receiver/mobile telephone. The portable alarm system may also be activated by remote sensors and may also contain circuitry for immobilisation of property/vehicles. It may also send a signal which allows the unit to be tracked either directly through the communications network or through a global positioning system.

(Figures 1-2)

Diagrams (Fig. 1 & 2)

1. LCD Display
2. Key Pad
3. PIR an Internal Motion Detector
4. Siren
5. Remote Connector
6. Charge Socket
7. Sensitivity Adjustment
8. Connection for separate mobile communicator
9. Optional Remote PIR
10. Microphone

FIG 1

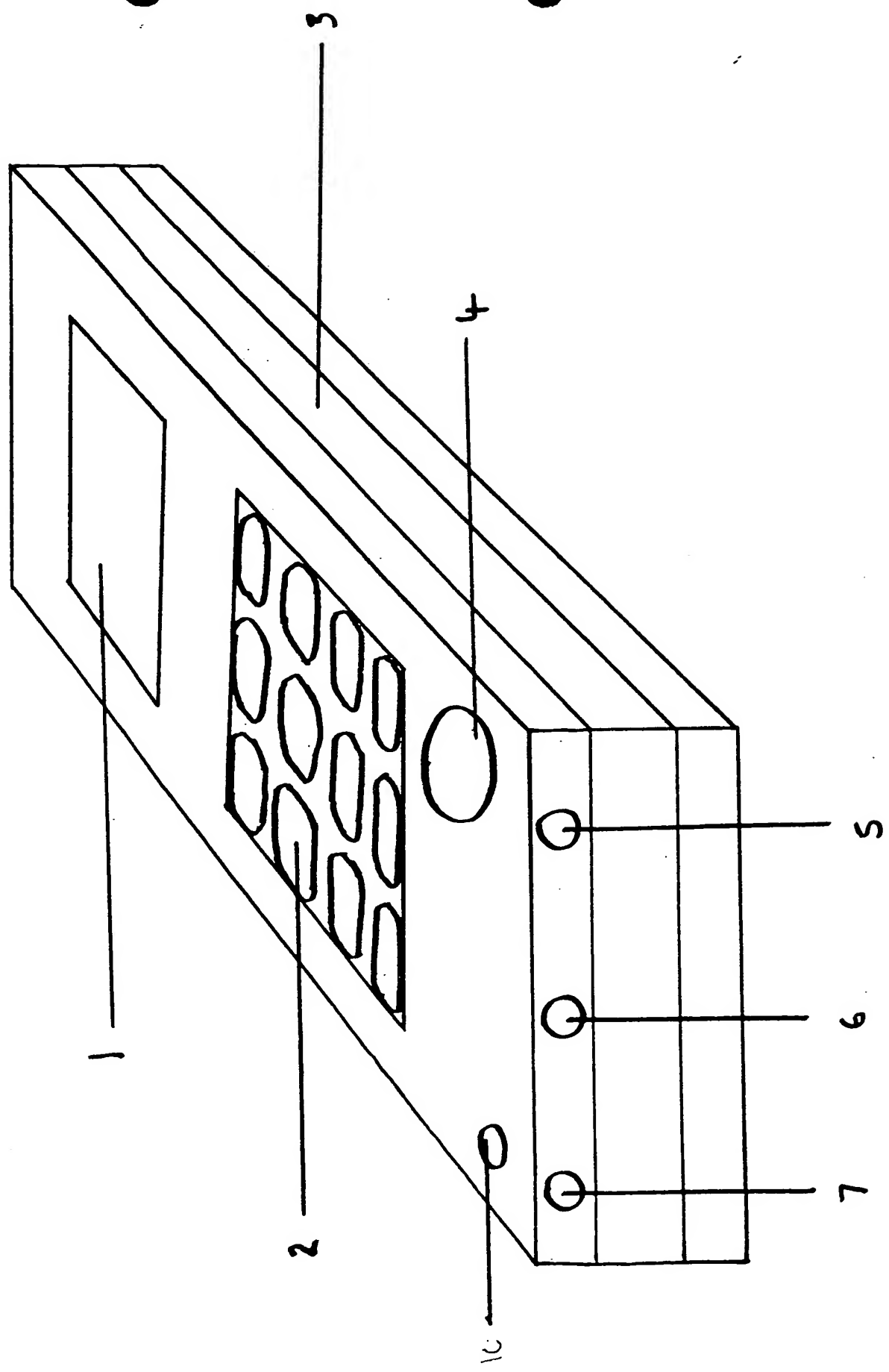
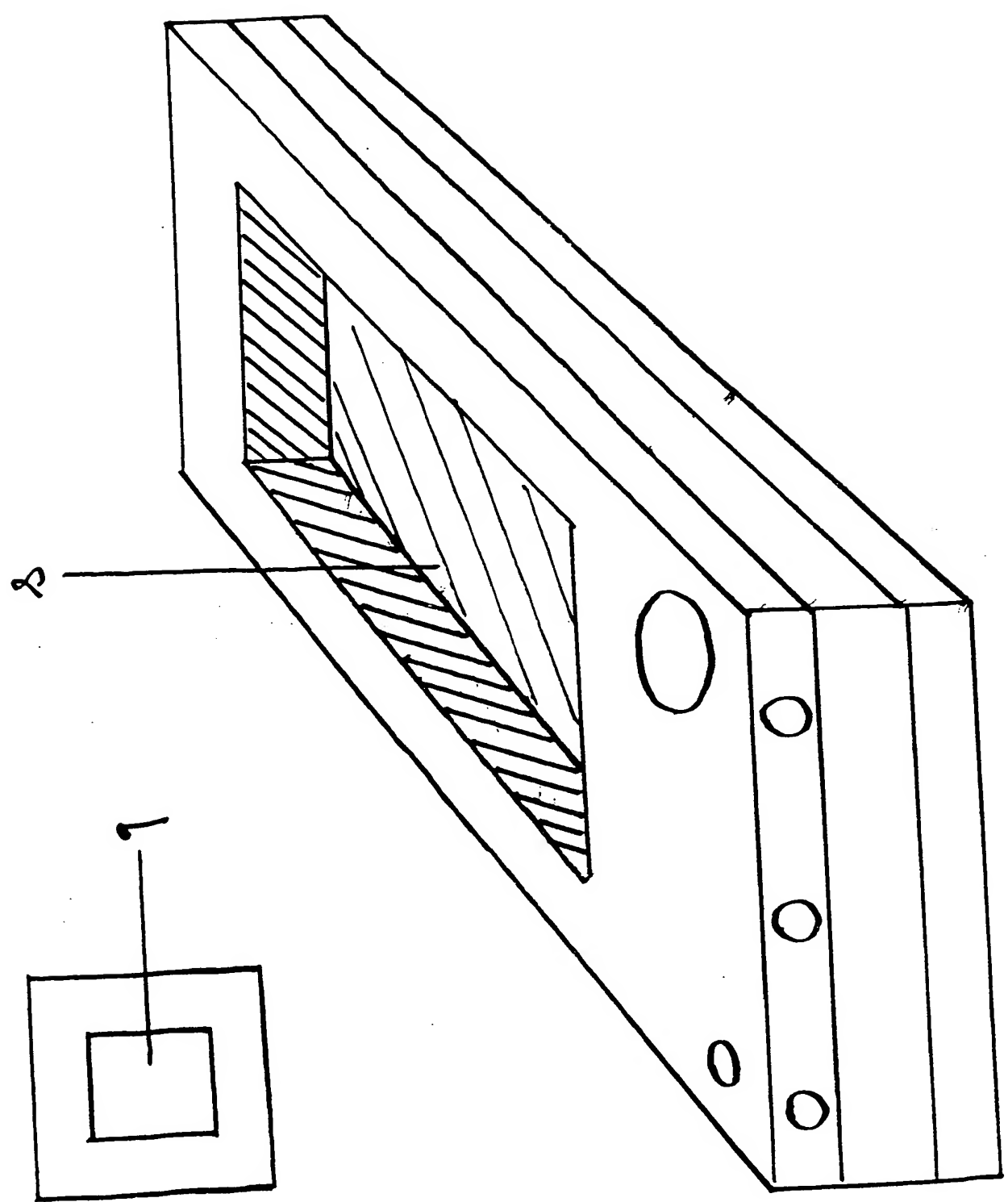


FIG 2



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